AUTHOR INDEX TO VOLUME 60

Acuña-Castroviejo, Darío, 317
Agapito, Teresa M., 317
Aimé-Sempé, Christine, 23
Alderson, Mark R., 39
Anagnostou, Fani, 484
Ankrapp, D.P., 387
Aon, M.A., 271
Ardini, Elena, 226
Arents, Jos C., 411
Arthur, B., 584

Baeckström, Dan, 538
Baragi, Vijaykumar M., 341
Belotti, Dorina, 226
Ben-Bassat, H., 139
Bianco, C., 437
Blaha, J. David, 260
Bodrug, Sharon, 23
Boulikas, Teni, 61, 297
Brevinge, Hans, 538
Broughton, S.J., 584
Brown, S.B., 246
Bruland, Øyvind S., 95

Cáceres, A., 271
Carlberg, Carsten, 322
Carlson, C., 56
Castronovo, Vincent, 226
Chakrabarti, Rabindranath, 235
Chang, Hsiou-Chen, 218
Chung, Fu-Zon, 341
Ciardello, F., 437
Cissel, David S., 260
Clemmons, D.R., 387
Cohen, Natalie S., 334
Colletta, G., 437
Collin-Osdoby, Patricia, 469
Colnaghi, Maria I., 226
Corbitt, Robert H., 148
Cortassa, S., 271
Costello, Bernard G., 211
Cottam, David W., 148
Coutts, Amanda S., 560

Davie, James R., 560
Denhardt, David T., 198
DiBattista, John A., 211

Ehsani, N., 56
Eisman, John A., 322, 447
Ellem, K.A.O., 246
Erickson, Kent L., 235
Eriksson, E., 379

Figge, Helen L., 173
Fong, S.E., 56
Forest, Nadine, 484
Foresta, Paola, 83
Freeman, James W., 458
Fung, K.P., 508

Gaboli, Mirella, 83
Gal, I., 139
Gariglio, Marisa, 83
Gierthy, John F., 173
Goldberg, Daniella, 447
Gomez, Daniel E., 148
Gordeladze, Jan O., 95
Graeber, Geoffrey M., 260
Green, Douglas R., 33
Greenspan, R.J., 584
Grimes, Sidney R., 348
Grimm, Lisa, 18

Haase, Hannelore, 521
Hanada, Motoi, 23
Hanson, Gunnar C., 538
Harper, J.W., 379
Hockenbery, David M., 12
Hoenig, Margarethe, 130
Huang, Aiping, 572
Hung-Tse Chang, Ted, 161
Hurta, Robert A.R., 572

Jablonski, Greg, 95
Jiang, Xinsheng, 469
Jin, Yan, 560
Johansen, Kristen M., 289
Jonat, Carsten, 341
Jones, J.I., 387

Kallinch, Tilmann, 18
Kambayashi, Jun-ichi, 279, 550
Kane, N.S., 584
Kannan, S., 437
Karpatová, Mária, 226
Kaspar, R.L., 56
Kawasaki, Tomio, 279
Keeting, Philip E., 260
Kim, N., 437
Kitada, Shinichi, 23
Klagsbrun, M., 379
Klein, B.Y., 139
Kluck, R.M., 246
Knutson, Keith L., 130
Krajewski, Stanislaw, 23
Kuda, Aileen, 334

Landolfo, Santo, 83
Langer, R., 379
Lee, Shan-Chih, 121, 218
Lee, K.M., 508
Lembo, David, 83
Leung, P.C., 508
Leung, K.S., 508
Libergal, M., 139
Liu, Zheng-gang, 18
Liu, Danni, 107
Lund, Hanne W., 95
Luo, Hongyu, 400, 495
Lynch, David H., 39

Magnifico, Alessandra, 226
Malyanker, Uriel M., 198
Marikovsky, M., 379
Martel-Pelletier, 211
Martin, Seamus J., 33
McGahon, Anne, 33
McLaughlin, Kelly A., 18
Ménard, Sylvie, 226
Menéndez-Pelaez, Armando, 317
Miller, Teresa L., 560
Mincione, G., 437
Miyashita, Toshiyuki, 23
Monden, Morito, 279, 550
Morano, Ingo, 521
Morelli, Daniele, 226
Morrison, Nigel A., 322, 447
Moses, M.A., 379
Murphy, Leigh C., 560
Murty, Madhavi, 260
Musgrove, Elizabeth A., 363

Normanno, N., 437

Okuyama, Masaki, 279, 550
Olivera, Ana, 529
Osborne, Barbara A., 18
Osdoby, Philip, 469
Oxford, Misti G., 424

Pablos, Mata I., 317
Park, Julie R., 12
Pelletier, Jean-Pierre, 211
Pentecost, Brian T., 173
Plas, Christine, 484
Polly, Patsie, 322, 447
Pramaggiore, A., 437

Ramsdell, Fred, 39
Recio, José M., 317
Reed, John C., 23
Rees, Robert C., 148
Reiter, Russel J., 317
Rittling, Susan R., 198
Robichon, A., 584
Rosenthal, Jutta, 529
Rothe, Linda, 469

Sage, E. Helene, 185
Sakon, Masato, 279, 550
Salomon, D.S., 437
Sarcevic, Boris, 363
Sato, Takaaki, 23
Schlegel, Robert, 161
Schoen, Cor D., 411
Schulkes, Conchita C.G.M., 411
Schwartz, Lawrence M., 18
Shan, Xiaochuan, 495
Sliwkowski, M., 437
Smith, Sallie W., 18
Spiegel, Sarah, 529
Spink, Barbara C., 173
Spink, David C., 173
Stetler-Stevenson, William G., 211
Su, Suming, 211
Sun, Jian-Min, 560
Sunyer, Teresa, 469
Sutherland, Robert L., 363

Tagliabue, Elda, 226
Takayama, Shinichi, 23
Thorgeirsson, Unnur P., 148

VanArsdale, Sammee, 47
VanArsdale, Todd L., 47
vanWert, Jane M., 348
Vehar, G., 56
Vernon, Robert B., 185
Vinay, Patrick, 400
Vogt, P., 379
Wong, G.H.W., 56
Wright, Jim A., 572
Wu, Jiangping, 400, 495

Yang, Liangpeng, 400
Yang, Shiaw-Der, 121, 218
Yarden, Y., 437
Ying, Guo-Guang, 83
Yoder, M., 584
Yuan, Junying, 4

Zafarullah, Muhammad, 211
Zhang, Ke, 538
Zweiger, G., 56

SUBJECT INDEX TO VOLUME 60

Acidic domains, 61
Actin, 271
Adaptation, 411
Adenylate cyclase, 95
Adhesion, 226
Affinity chromotography, 538
Alkaline phosphatase, 508
ALP inhibitor, 484
Alternative splicing, 521
Aminopeptidase N shedding, 246
Angiogenesis, 185
Antibiotics, 341
AP1, 447
Apoptosis, 56, 246

Basic fibroblast growth factor, 185, 572
BCL-2 gene, 23
Bcl-2 protein, 23
Bone, 469
Bone differentiation, 484
Bovine, 185

c-Ha-*ras*
Ca incorpoation, 484
Ca^{2+} influx, 550
Calphostin C, 121
Cancer, 23, 56
Capillary, 185
Carcinoma dedifferentiation/progres
-sion, 121
Cartilage, 211, 508
Casein kinase, 387
CD13, 246
CD14, 246
CD33, 246
CDK activity, 363
cDNA rapmycin, 495
Cell
adhesion, 538
cycle, 61, 161
cycle control, 363
organization, 334
cGMP, 411
Chemotaxis, 411
Chicks, 317
Chondrocyte, 508
Chronic wounds, 379
Collagen gel, 185
COLO 205 cell line, 538
Connective tissue remodeling, 379
Contractility, 521
Countercurrent centrifugal elutriation, 508
Cyclins, 61
cyclin A, 161
cyclin B, 161
cyclin D1 function, 363
cyclin E, 495
Cytoplasmic segregation, 271
Cytoskeleton, 130, 271
Cytosol, 317

Death domain, 47
Detyrosination, 424
Dexamethasone, 260, 469
Dictyostelium, 411
DNA
binding, 447
binding protein, 348
distortion, 297
repeats, 297
tumor virus, 161
Double determinant assay, 226
Down-regulation, 121
Drosophila, 289
Drosophila melanogaster, 584

E.C.1.1.1.42, 400, 495
Ecto-enzyme, 484
Ectopeptidase activation, 246
Electron mocroscopy, 334
Embryonic neurons, 584
Endocrine-modulating, 173
Endothelium, 148
Enhancer, 297
Environmental, 173
Enzyme orginization, 334
Enzyme reguation, 424
erb B-2
Erythrocytes, 317
Estrogen metabolism, 173
Ethanol/THP-1 cultures, 246
Extracellular matrix mineralization, 139

Fas, 56
Fibronectin, 322
Free fatty acids, 130

G-proteins, 95, 572
G_1 phase, 363, 458

Gene regulation, 198, 348
Glucocorticoids, 260
Glycoprotein, 538
Glycosylphosphatidylinositol-anchored proteins, 484
Growth factor, 387
Growth rate, 95
GTP, 411
Guanylate cyclase, 411

H-*ras* transformed cells, 572
Heat-induction process, 218
Heregulin, 437
Histone H1t, 348
Homo- and heterotypic dimers, 23
Homodimer, 322
Homologs, 23
Homotypic aggregation, 550
Host genotype, 83
HSV-1 ORI nuclear matrix, 297
Human breast cancer, 560
Human c-myc, 560
Human hepatoma cells, 387

ICAM-3, 550
ICE proteases, 56
IFNs, 83
IGFBP-1, 387
IL-1á, 148
Immortalization, 161, 198
Immunocytochemistry, 334
Immunogold, 334
Immunoprecipiation, 107
In vitro translation, 107
Inhibitors, 211, 424
Initiator protein, 297
Insulin, 130
Interferon, 469
Interleukin, 341
Interleukin-1, 469
Inverted repeat, 297
Iron, 317
ISGF3 complex, 83
Islets, 130
Isocitrate dehydrogenase, 400

Kinase, 289

Laminin receptor, 226
Levamisole, 139

LFA-1, 550
Lipopolysaccharide, 469
Liver, 334
LT, 56
Lymphocyte activation, 400

Malonate, 139
Mammary cells, 437
Matrix metalloproteinases, 341
Melatonin, 317
Metabolic fluxes, 271
Metalloproteinase inhibitor, 379
Metalloproteinases, 211, 379
Metastasis, 226
Microtubular protein, 271
Microtubule, 424
Mitochondrial membrane potential, 139
Mitochondrion, 400
Mitosis, 161, 289
MnSOD, 56
Molecular cloning, 495
Monoclonal antibody, 289
Monomeric, 226
mRNA, 211
mRNA export, 198
MUC1 mucin, 538
Myosin heavy chains, 521
Myosin light chains, 521

NADP, 400
NADP-IDH, 495
NADPH diaphorase, 469
Neuronal tissue, 424
$NiCL_2$ sensitive Ca^{2+} channel, 550
NLS, 61
Nuclear
  import, 61
  proteins, 560
  scaffold, 289
Nucleolar protein, 458
Nucleus, 317

Occupied nuclear estrogen receptors, 173
Okadaic acid, 279
Oleic acid, 131
Ornithine decarboxylase, 572
Osteoarthritis, 211
Osteoblast, 447
Osteocalcin promoter, 447
Osteoporosis, 260
Osteoprogenitor differentiation, 139
Osteosarcomas, 95
Oxygen free radicals, 56

$p34^{cdc2}$, 161
P450, 173
p47phox, 279
Peptide mapping, 107
Phorbol ester, 185
Phosphatases, 61
Phosphatidylserine, 529
Phospholipase, 260
Phospholipase C, 95
Phospholipids, 529
Phosphorylation, 279, 387
Phosphorylation/Dephosphorylation, 218
PI-PLC, 484
Pineal gland, 317
PKC inhibition, 121
Polarization, 148
Porcine, 508
Post-transcriptional regulation, 198
Post-translational modification, 424
pRB phosphorylation, 363
Prognostic factor, 226
Promotors, 560
Prostaglandins, 260
Protein kinase, 387
Protein kinase C, 218, 572
Protein kinase FA/GSK-3Á, 121
Protein kinases, 61
Protein phosphatase 1 and 2A, 279
Proteinases, 148

Radioprotection, 56
Radiosensitization, 56
Replication origins, 297
Ring finger, 47
RNA stability, 198
rRNA, 458
RT_PCR, 469

Serine kinase, 47
Shear stress, 550
Shedding, 226
Signal transduction, 47
Silencer, 297
Smooth muscle, 521
Sphingosine, 529
Sphingosine kinase, 529
Sphingosine-1 phosphate, 529
Spindle formation, 289
Superoxide, 279
SV40, 161
SV40 ORI, 297

T antigen, 161
T lymphocytes, 47
TE, 348
Tissue specific gene expression, 348
Tissue specific transcription, 348
Tissues, 317
TNF, 56
Topological regulation, 271
Traction, 185
Transcription, 322
Transcription factor, 297, 560
Transcriptional regulation, 341
Transformation, 437
Transforming growth factor â, 469
Transient transfections, 198
Tumor necrosis factor, 469

Urea cycle, 334
V-8 digestion, 107
VDR, 322
Vitamin D induction, 447
Vitamin D regulation, 322

Wound healing, 379